

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	30	("1868235" "2602698" "3271809" "3402892" "3405669" "4890340" "5050340" "5109553" "5305476" "5881955" "5991937" "6000626" "6164496").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/07 08:09
S2	17	("2740670"   "3231200"   "3285521"   "4358056"   "4623095"   "4901765").PN. OR ("5305476").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 08:59
S3	216	(239/315).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 08:59
S4	9	("1945701"   "2690930"   "2986340"   "3777982"   "4948499"   "5779154").PN. OR ("6948666").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 09:00
S5	4	("1945701").URPN.	USPAT	OR	ON	2006/02/24 09:01
S6	15	("1945701"   "2156114"   "2583232"   "2986340"   "3018969").PN. OR ("3788553").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 09:02
S7	8	("2064178"   "3018969"   "4211368"   "4294280"   "4634053"   "6343750").PN. OR ("6814306").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 09:05
S8	11	("3581998"   "5109553"   "5716005"   "5829681"   "5906319"   "5988911"   "6000626"   "6164557"   "6170107"   "6257786"   "6595440").PN. OR ("6749135").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 09:16
S9	114	(239/316).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 11:01
S10	8513	(239/302-379).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 09:17
S11	1680	(239/525-532).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 09:17

## EAST Search History

S12	381	S10 and S11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 09:17
S13	8	("2908445"   "3250476"   "4171169"   "4572235"   "4785850"   "5964415").PN. OR ("6902120"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 09:22
S14	8	("2064178"   "3018969"   "4211368"   "4294280"   "4634053"   "6343750").PN. OR ("6814306"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 09:24
S15	2	("1491212").URPN.	USPAT	OR	ON	2006/02/24 09:47
S16	4	mueller-john.in.	USPAT	OR	ON	2007/05/04 13:33
S17	0	mueller-patty.in.	USPAT	OR	ON	2006/02/24 09:53
S18	12	((("5624073") or ("5560548") or ("6364163") or ("5687882") or ("6704946") or ("6951286"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 09:55
S19	725	(239/310).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 09:55
S20	35	("0317634"   "0563195"   "0647411"   "1446914"   "1469065"   "1981623"   "2064178"   "2156114"   "2481279"   "3199957"   "3239413"   "3615244"   "3761021"   "4178711"   "4556679"   "4570372"   "4634053"   "4785850"   "4934087"   "5301633"   "5524375"   "6241164").PN. OR ("6618977").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 10:11
S21	853	(137/268).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 10:43
S22	132	(4/226.1).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 10:45

## EAST Search History

S23	18	(4/294).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 10:46
S24	32	(4/903).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 10:47
S25	37	(4/dig.10).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 10:49
S26	419	(239/525).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 10:49
S27	698	(239/526).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 10:50
S28	141	(239/527).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 10:50
S29	218	S11 and (chemical or soap or detergent)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 10:50
S30	115	S29 and mix\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 10:57
S31	0	nozzle and (chemical same cartridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:10
S32	683	nozzle and (chemical same tablet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 10:57

## EAST Search History

S33	602	S32 and mix\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 10:58
S34	494	(239/318).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/24 11:01
S35	2	spray\$3 and (chemical same catridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:11
S36	16	mix\$3 and (chemical same catridge)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/24 11:11
S37	9	("1945701"   "2690930"   "2986340"   "3777982"   "4948499"   "5779154").PN. OR ("6948666"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 11:12
S38	4	("1945701").URPN.	USPAT	OR	ON	2006/02/24 11:13
S39	44	("1650460"   "1658830"   "1945701"   "1973319"   "2199478"   "2537790"   "2690930"   "2773601"   "2975980"   "2986340"   "3018969"   "3780869"   "3801018"   "4107046"   "4172796"   "4211368"   "4242201"   "4460650"   "4504389"   "4772455"   "4776956"   "4933080"   "5008011"   "5152464"   "5213688"   "5269921"   "5324434"   "5385667"   "5549822").PN. OR ("5772119"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 11:13
S40	7	("4783258"   "4933080"   "4989279"   "5152464"   "5632446"   "5772119"   "6056875").PN. OR ("6732957").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 11:15
S41	23	("0539301"   "1774004"   "3083916"   "3746174"   "4025438"   "4172796"   "4504389"   "4732674"   "5008011"   "5152464"   "5407573"   "5427683"   "5549822"   "5772119"   "5837136").PN. OR ("6016977").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/24 11:16

## EAST Search History

S42	8518	(239/302-379).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 12:16
S43	18	S42 and (clear\$3 with visible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:32
S44	244	S42 and (see with through)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:18
S45	1	S43 and S44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:17
S46	5	("4479609"   "5261601"   "5515842"   "5529055"   "6659364").PN. OR ("6913205").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 12:18
S47	274	S42 and visible	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:19
S48	31	S44 and S47	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:19
S49	8	("2064178"   "3018969"   "4211368"   "4294280"   "4634053"   "6343750").PN. OR ("6814306"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 12:20
S50	317	S42 and transparent\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 12:32
S51	24	("2316781"   "2562415"   "2596387"   "2743913"   "2797133"   "3231200"   "3271809"   "3720352"   "3917172"   "4019658"   "4200206"   "4322036"   "4623095"   "4840311"   "4901765"   "5071070"   "5135173").PN. OR ("5961049").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 13:53

## EAST Search History

S52.	18	("3271809").URPN.	USPAT	OR	ON	2006/03/02 14:05
S53	4	mueller-john.in.	USPAT	OR	ON	2007/05/04 13:30
S54	0	mueller-j.in.	USPAT	OR	ON	2007/05/04 13:33
S55	6453	mueller.in.	USPAT	OR	ON	2007/05/04 13:33
S56	299	S55 and nozzle	USPAT	OR	ON	2007/05/04 13:35
S57	2	("20060097076").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/04 13:41
S58	1079	(239/443-449).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/04 13:43
S59	4	S58 and togg3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/04 13:43
S60	277	(239/443).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/04 14:38
S61	39	S58 and chemical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/04 13:43
S62	43	("20020046969"   "20020108640"   "20020160224"   "20030017960"   "20030034051"   "20040135011"   "20040140372"   "20040221881"   "20050103699"   "20050103897"   "2989242"   "3039492"   "3770205"   "3940069"   "4126401"   "4369921"   "4903897"   "4966481"   "4969603"   "5100059"   "5213264"   "5213265"   "5332158"   "5850973"   "5950928"   "5988912"   "6116798"   "6345773"   "6378785"   "6425534"   "6467657"   "6562142"   "6578776"   "6604546"   "6672520"   "6726123"   "6732957"   "6846512"   "6869028"   "D191686").PN. OR ("7124962").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:44

## EAST Search History

S63	11	("3254844"   "5881955"   "6378785"   "RE29405").PN. OR ("6726123").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:46
S64	5	("6213410"   "6419166"   "6536684"   "6712292"   "6726123").PN. OR ("D529575").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:46
S65	18	("4978072"   "5069389"   "5415352"   "5655714"   "5803360"   "5810258"   "5918815"   "5984206"   "6012651"   "6053429"   "6092740"   "6213410"   "6450422"   "6536684").PN. OR ("6712292").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:47
S66	5	("5398873"   "6726123"   "D323546"   "D442671"   "D470569").PN. OR ("D529574").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:49
S67	11	("3254844"   "5881955"   "6378785"   "RE29405").PN. OR ("6726123").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:50
S68	22	("2719704"   "3447753"   "4278132"   "4382552"   "4901923"   "5213264"   "Re18813").PN. OR ("5332158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:54
S69	29	("0813254"   "2293390"   "2961335"   "2991939"   "3323685"   "4491254"   "4527740"   "4878619"   "4901923"   "5069389"   "5332158"   "5375769"   "5413280"   "5469993"   "5484106"   "5727736"   "5881955"   "5918621"   "6170706"   "6415956"   "6453953"   "6546949"   "6604546"   "6609733").PN. OR ("7156324").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:54
S70	22	("2719704"   "3447753"   "4278132"   "4382552"   "4901923"   "5213264"   "Re18813").PN. OR ("5332158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/04 13:54
S71	138	(239/445).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/04 14:38